

Amendments to the Claims

Please amend the claims as indicated below:

1. (currently amended) A portable data storage device, which is equipped with a memory, comprising:
 - a hard disk unit for mounting a robust hard disk of a very small size and a large capacity and controlling the same;
 - a display unit for notifying a user of a state of the device;
 - an interface unit for interfacing transferring information with an external device and receiving a power ~~outside~~ supplied from the external device, wherein the power supplied is sufficient for operation of at least the hard disk unit;
 - a control unit for controlling each of the units; and
 - a memory unit equipped with a ROM or RAM for providing a memory required for the control unit.
2. (original) The device of claim 1, wherein the hard disk unit includes:
 - a very small-sized hard disk which has a size of about 1 square inch, a storage capacity of 1 to 100GB, a very low power consumption and robustness;
 - a hard disk controller controlling the operation of the hard disk under control of the control unit; and
 - a hard disk connecting unit enabling the connection and linking between the hard disk controller and the very small-sized hard disk.
3. (currently amended) The device of claim 1, wherein the interface unit is any one of a USB interface, parallel interface, serial interface, PCMCIA interface ~~and~~ or IEEE 1394 interface.
4. (currently amended) The ~~method~~ device of claim 3, wherein, when connected to ~~a windows system~~ of a personal computer with the interface equipped, the interface is automatically recognized as a virtual drive without turning on and off the power.
5. (currently amended) The device of claim 2, wherein the hard disk controller has inside a hard disk controller IC, the hard disk controller IC supporting the ATA/ATAPI mode or compact flash type.

6. (currently amended) The device of claim 1, wherein the portable data storage device is of a size capable of being held by the hand and put into a pocket of a ~~Y-shirt~~ dress shirt when carried.

7. (original) The device of claim 2, wherein the very small-sized hard disk includes:

a hard disk plate and a hard disk arm;

a hard disk dedicated controller for directly controlling the hard disk arm and the hard disk plate; and

a hard disk connector for connecting the hard disk and the hard disk controller, wherein the hard disk connector is a connector with 20 pins.

8. (currently amended) The device of claim 3, wherein, when the device is equipped with the USB or IEEE 1394 interface and a personal computer is booted in from the USB or IEEE 1394 interface, the computing environment of the ~~user~~ personal computer is implemented ~~as its~~ based on information stored in the device.